

Title (en)
TERMINAL METAL FITTING

Title (de)
METALLKLEMMENANSCHLUSSSTÜCK

Title (fr)
RACCORD MÉTALLIQUE DE BORNE

Publication
EP 2323225 A4 20121010 (EN)

Application
EP 09811552 A 20090903

Priority
• JP 2009065434 W 20090903
• JP 2008225596 A 20080903

Abstract (en)
[origin: EP2323225A1] Provided is a terminal fitting capable of reliably press-bonding a core wire made of aluminum or aluminum alloy. A terminal fitting 3 is made of copper or copper alloy and includes: a bottom wall 34 which is overlapped with a core wire 41 made of aluminum or aluminum alloy; and a pair of crimping pieces 35 which is upright from each corresponding end portion of the bottom wall 34 and is bent inward so that a front end 35a faces the bottom wall 34 and the pair of crimping pieces is press-bonded to the core wire 41. The pair of crimping pieces 35 is bent so that outer surfaces 35b are tightly overlapped with each other, and has a pair of intermeshing portions 38 respectively formed in the outer surfaces 35b in the length direction of the core wire 41 to mesh with each other.

IPC 8 full level
H01R 4/18 (2006.01); **H01R 4/62** (2006.01)

CPC (source: EP US)
H01R 4/185 (2013.01 - EP US); **H01R 4/62** (2013.01 - EP US)

Citation (search report)
• [Y] US 2007264873 A1 20071115 - KAKUTA NAOKI [JP]
• [Y] EP 0619623 A1 19941012 - FORD MOTOR CO [GB], et al
• [YA] JP H03121661 U 19911212
• [YA] JP S60193671 U 19851223
• [A] EP 0070639 A1 19830126 - GEN MOTORS CORP [US]
• [A] JP 2000021464 A 20000121 - HONDA MOTOR CO LTD
• See references of WO 2010027027A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2323225 A1 20110518; EP 2323225 A4 20121010; EP 2323225 B1 20150429; CN 102144336 A 20110803; CN 102144336 B 20130717; JP 2010061944 A 20100318; JP 5362296 B2 20131211; US 2011165800 A1 20110707; US 8333624 B2 20121218; WO 2010027027 A1 20100311

DOCDB simple family (application)
EP 09811552 A 20090903; CN 200980134560 A 20090903; JP 2008225596 A 20080903; JP 2009065434 W 20090903; US 200913061720 A 20090903